3/6

#9



OIPE

RAW SEQUENCE LISTING PATENT APPLICATION: US/09/848,967

DATE: 03/12/2002 TIME: 09:54:18

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1 <110> APPLICANT: CALENOFF, EMANUEL
        DITLOW, CHARLES C.
 3 <120> TITLE OF INVENTION: IMMUNOGENIC PEPTIDES AND USES THEREOF
 4 <130> FILE REFERENCE: 21417/92141
 5 <140> CURRENT APPLICATION NUMBER: 09/848,967
 6 <141> CURRENT FILING DATE: 2001-05-04
 8 <150> PRIOR APPLICATION NUMBER: 09/837,630
9 <151> PRIOR FILING DATE: 2001-04-18
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12 <170> SOFTWARE: PatentIn Ver. 2.1
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15 <211> LENGTH: 260
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22
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         Ile Glu Thr Asn Glu Val Ala Leu Lys Leu Asn Tyr His Pro Ala Ser
24
25
         Glu Lys Val Gln Ala Leu Asp Glu Lys Ile Leu Leu Arg Pro Ala
26
                                  55
27
         Phe Gln Tyr Ser Asp Asn Ile Ala Lys Glu Tyr Glu Asn Lys Phe Lys
28
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         Asn Gln Thr Val Leu Lys Val Glu Gln Ile Leu Gln Asn Gln Gly Tyr
29
30
                                              90
31
         Lys Val Ile Asn Val Asp Ser Ser Asp Lys Asp Asp Phe Ser Phe Ala
32
                                         105
                                                              110
                     100
         Gln Lys Lys Glu Gly Tyr Leu Ala Val Ala Met Asn Gly Glu Ile Val
33
                                                         125
                                     120
35
         Leu Arg Pro Asp Pro Lys Arg Thr Ile Gln Lys Lys Ser Glu Pro Gly
36
                                 135
                                                     140
        Leu Leu Phe Ser Thr Gly Leu Asp Lys Met Glu Gly Val Leu Ile Pro
37
38
                             150
                                                 155
        Ala Gly Phe Val Lys Val Thr Ile Leu Glu Pro Met Ser Gly Glu Ser
39
40
                         165
                                             170
41
        Leu Asp Ser Phe Thr Met Asp Leu Ser Glu Leu Asp Ile Gln Glu Lys
42
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                                         185
         Phe Leu Lys Thr Thr His Ser Ser His Ser Gly Gly Leu Val Ser Thr
43
44
                195
                                     200
                                                         205
        Met Val Lys Gly Thr Asp Asn Ser Asn Asp Ala Ile Lys Ser Ala Leu
45
46
            210
                                 215
                                                     220
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     47
                                   230
     48
              225
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                                                   250
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238 <400> SEQUENCE: 19
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251 <211> LENGTH: 5
252 <212> TYPE: PRT
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262 <400> SEQUENCE: 22
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/848,967

DATE: 03/12/2002 TIME: 09:54:19

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